TOTAL SHEETS SHEET NO. PROJECT NUMBER COUNTY 361C 513 STP-209-1(1) NOTES: GEORGIA POWER CO. PAD MOUNTED TRANSFORMER 1. SURGE SUPPRESSOR SHALL BE SUITABLE FOR 120/240V, 1PHASE, 3WIRE, SECONDARY CONNECTION TO 120/240V, 1PHASE SERVICE. THE SURGE SUPPRESSOR SHALL HAVE SURGE CURRENT RATING OF 130,000A PER PHASE AND SHALL PROVIDE L-L, L-N & N-G PROTECTION. THE SURGE (NOTE 4) SUPPRESSOR SHALL BE IN NEMA-4X ENCLOSURE, SHALL HAVE RED STATUS LED AND SHALL BE U.L. 1449 AND -- MOUNTED AT → 25MMC−3#8 1283 LISTED. THE SURGE SUPPRESSOR SHALL BE CENTERLINE LIEBERT CAT. #ACV111-240S-RKE. INSTALL SURGE (NOTE 1) OF TUNNEL SUPPRESSOR NIPPLED TO THE MAIN BREAKER. 20MM RIGID GALVANIZED 100"x100"x100" EJB — CONDUIT TO FIRST FIXTURE 2. MAIN CIRCUIT BREAKER SHALL BE MOLDED CASE, MAIN C.B. THERMAL MAGNETIC TYPE IN NEMA-4X STAINLESS STEEL (NOTE 2) ENCLOSURE WITH EXTERNAL PADLOCKABLE HANDLE CAPABLE OF BEING LOCKED IN BOTH 'ON' AND 'OFF' POSITIONS. THE CIRCUIT BREAKER SHALL HAVE AN INSULATED GROUNDABLE NEUTRAL ASSEMBLY. THE CIRCUIT BREAKER SHALL BE U.L. LISTED FOR SERVICE ENTRANCE AND SHALL HAVE MINIMUM 22,000A R.M.S. #2G TO GROUND GRID SYMMETRICAL INTERRUPTING CAPACITY. --- LUMINAIRE (NOTE 5) 3. THE UNISTRUT SUPPORT STRUCTURE, SURGE SUPPRESSOR, LIGHTING CONTACTOR, MAIN BREAKER, PHOTOCELL AND CONDUIT AND CABLE FROM PAD MOUNTED TRANSFORMER TO SUPPORT STRUCTURE SHALL 2#10,1#10G BE PAID FOR AS MAIN SERVICE PICK UP POINT. 4. CONTRACTOR SHALL COORDINATE THE METER LOCATION WITH GEORGIA POWER COMPANY. 5. THE GALVANIZED JUNCTION BOX TO BE INCLUDED IN THE COST OF THE LUMINAIRE. LUMINAIRES SINGLE LINE DIAGRAM DIMENSION TO SUIT EQUIPMENT PEDESTRIAN TUNNEL CROSS SECTION SURGE SUPPRESSOR ------- 150MM GALVANIZED LUMINAIRE MOUNTING DETAIL STEEL U CHANNELS N.T.S. - WELD GALVANIZED STEEL UNISTRUTS (NOTE 3) - ENCLOSED MAIN CIRCUIT BREAKER - 2500 PSI CONCRETE <u>DETAIL-A</u> (ALL CONDUITS NOT SHOWN) STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION REVISION DATES THESE CONSTRUCTION DOCUMENTS
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Pedestrian Tunnel Lighting for
SR74/Joel Cowan Pkwy. Ped. Tunnel
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